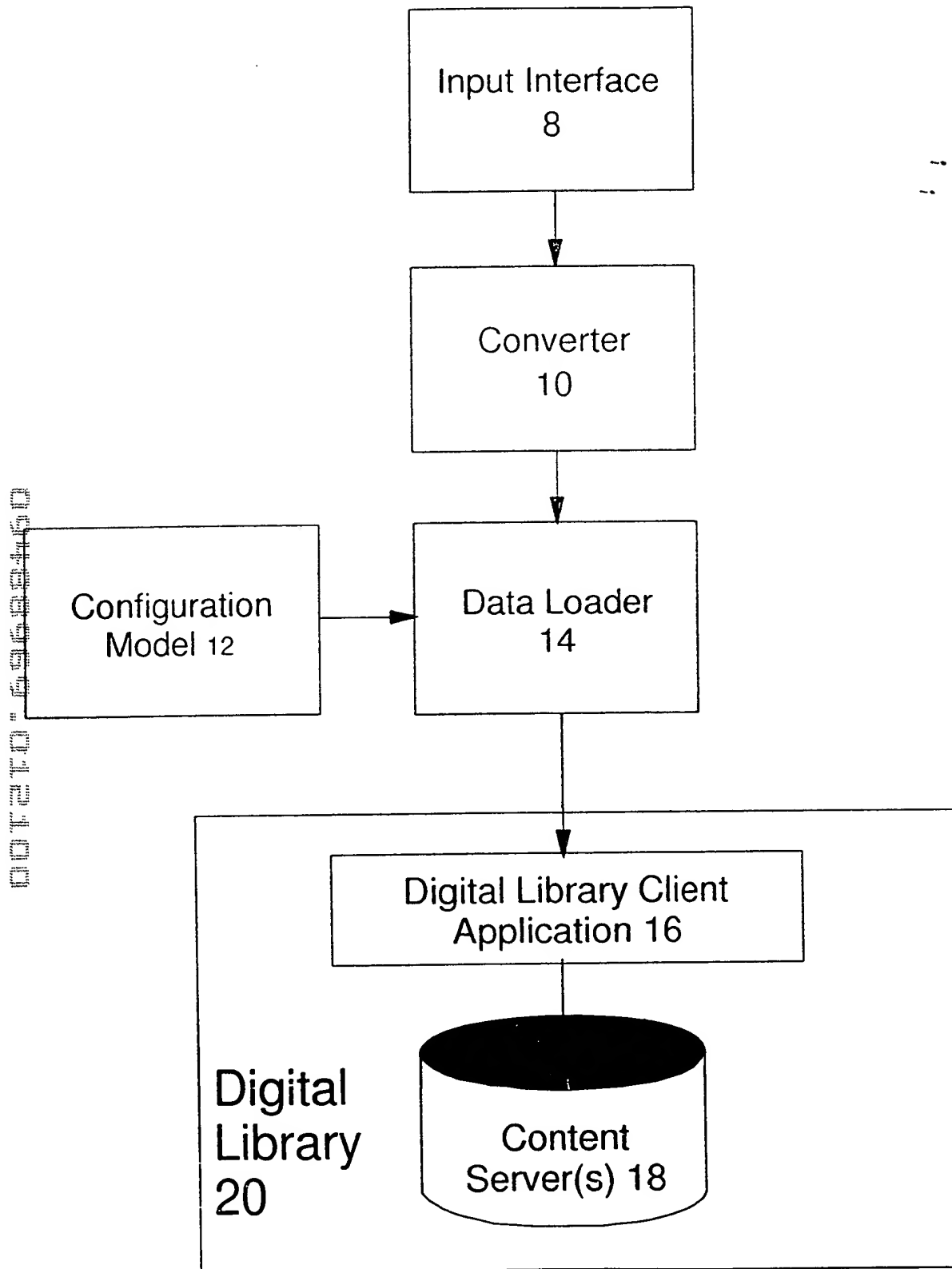


Fig. 1



**Fig. 2**

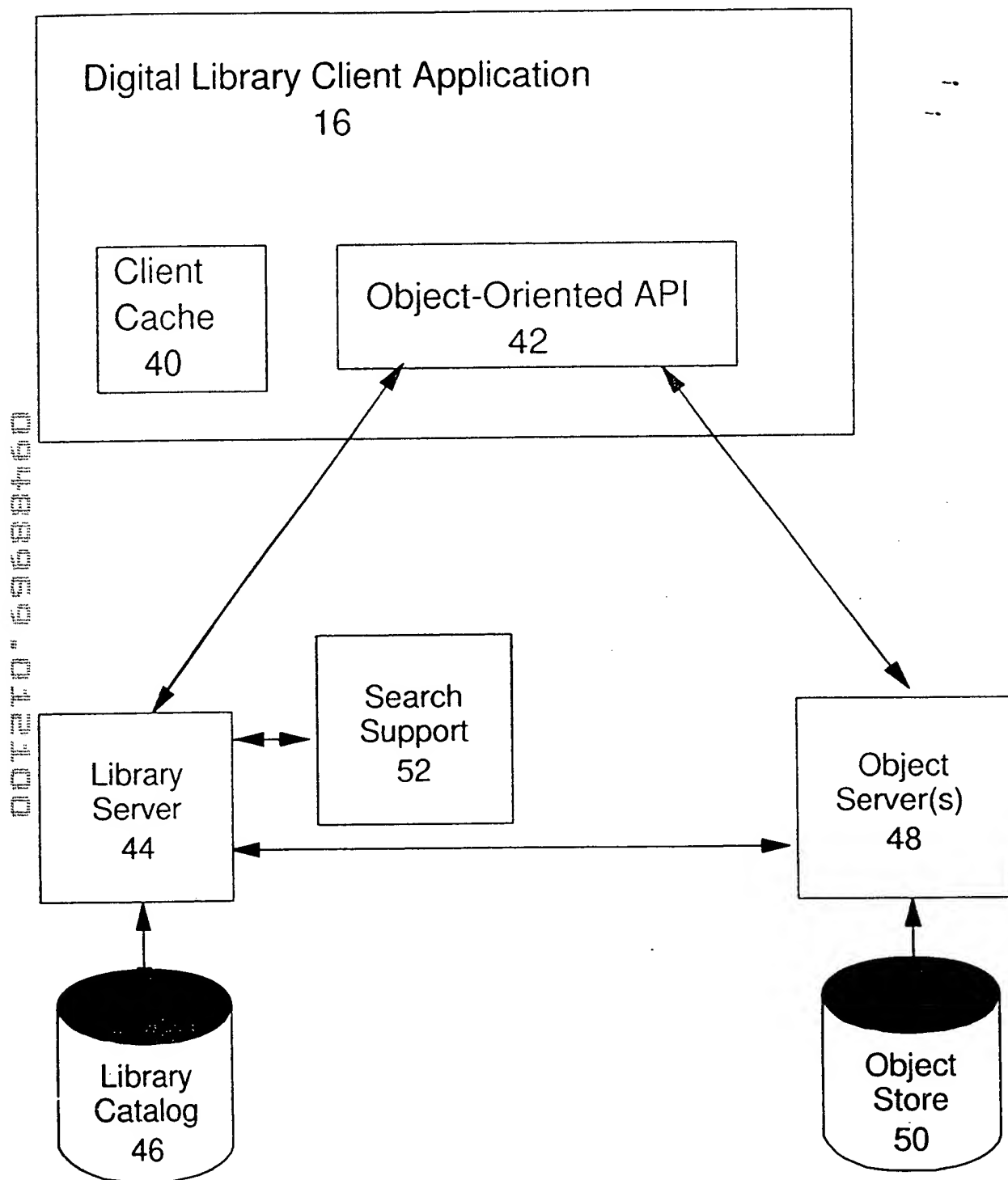


Fig. 3

Parts Table 62

Item ID	Part Number	REP Type	Object Server
			--
			--

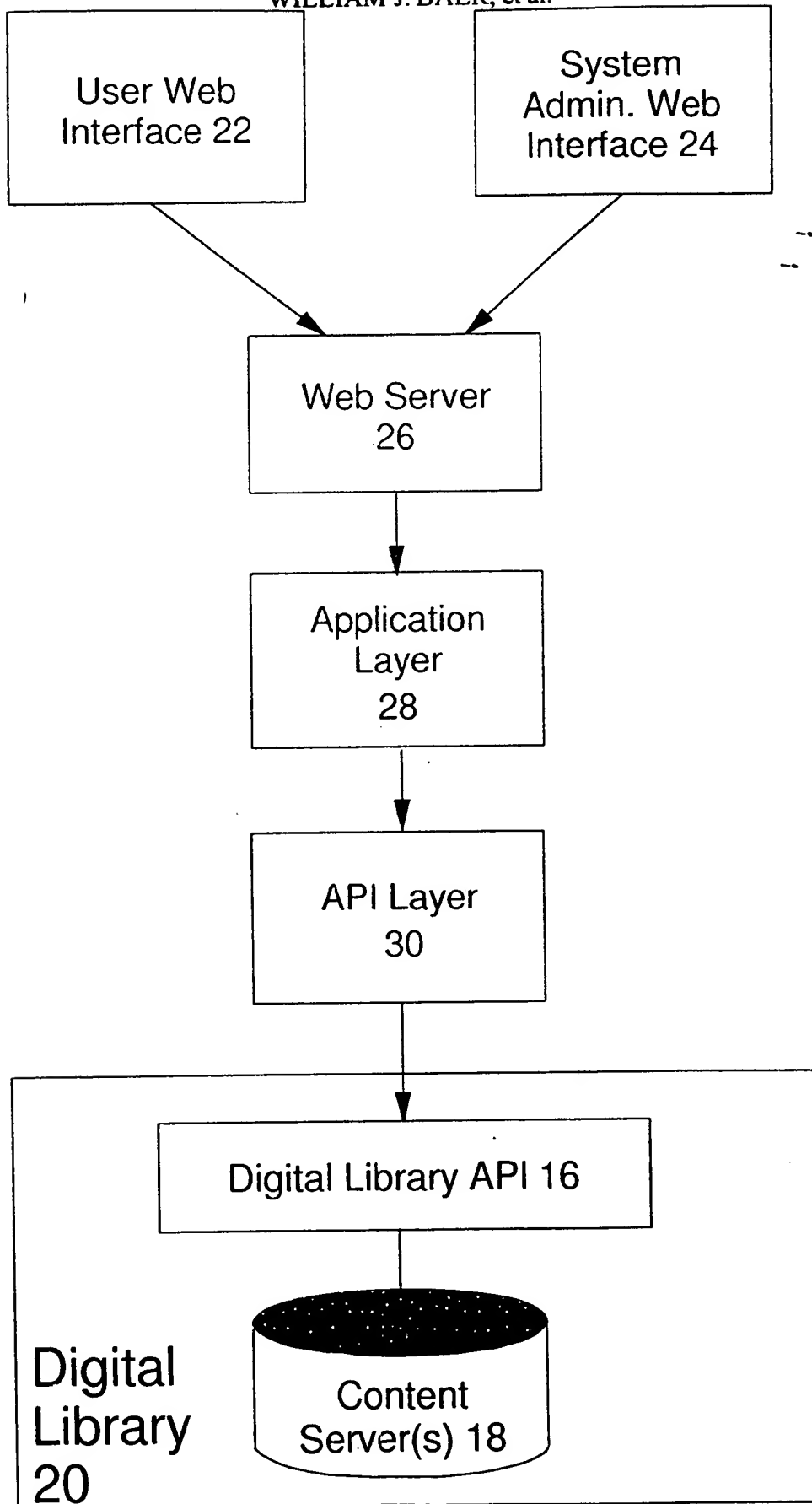
Object Server Table 64

Item ID	Part Number	REP Type	File Name



Fig. 4

Fig. 5



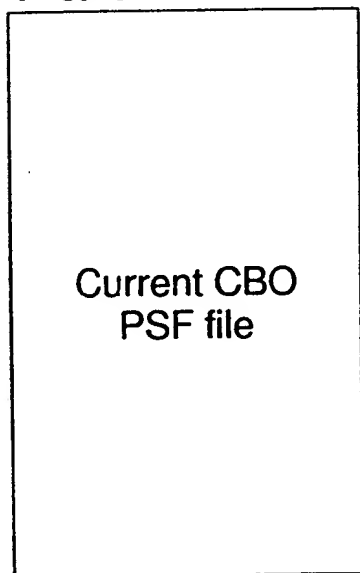
**Fig. 6**

82

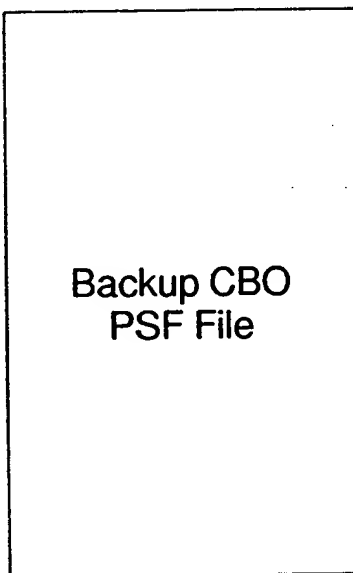


CBO_ID	Attributes	Partnums
--------	------------	----------

Part 1



Part 2



Part 5X

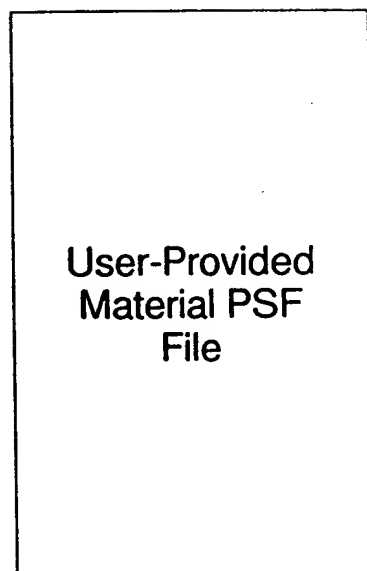


Fig. 7

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Fig. 8A

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## Registration, Page 3 of 3

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\* Department

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Title   
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\* Last Name   
\* Address Line 1   
Address Line 2   
Address Line 3   
\* City   
\* State/Province   
\* ZIP/Postal Code   
\* Country   
Phone

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\* Secret Word Type   
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\* Secret Word   
\* Secret Word (Verify)

 - 110

Fig. 8B



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and Password.**

**E-mail:** ingridf@us.ibm.com

**Name:** Ingrid Foerster  
**University:** Santa Teresa Labs  
**Department:** J46

**Address:**  
555 Bailey Ave.

Santa Teresa, CA 95141  
United States  
**Phone:**

**Secret Word Type:** Pet name  
**Secret Word:** \*\*\*\*\*

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Fig. 8C



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## WELCOME

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University	Santa Teresa Labs
Department	J46
Access Level	Guest Access This level allows you to create custom products and place orders requests.

### Your Custom Book Outlines ~113

My Custom Book Title	Last Date	Status	Request ID
 <u>My New ESource Book</u> created on 12/20/1999 at 16:43:17	12/20/1999	Active	N/A

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Fig. 9A

# WELCOME

<b>University</b>	Approaching
<b>Department</b>	Body Building
<b>Access Level</b>	Full Access This level allows you to create custom products and place orders requests.

My Custom Book Title	Last Date	Status	Request ID
New Custom Book	07/27/1999	Rejected	ESOU001051
Boys don't cry	10/28/2000	Submitted	ESOU001057
What do you mean?	09/02/1999	Completed	ESOU002051
Flash, I love you	09/02/1999	Completed	ESOU001058
He'd save everyone one of us	08/19/1999	Approved	ESOU002009
12 hours to save the earth	09/23/1999	Completed	ESOU002373
<u>Holy Smokes Batman</u>	07/23/1999	Active	N/A
<u>A Really Really Really Long Long Long Long Long Long Long Long Long Long Long Long Long Long Long Long Long</u>	07/23/1999	Active	N/A

**THE UNIVERSITY OF CHICAGO**

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Remove

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My Book

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3302-119

### This is Your Custom Book Outline

#### Book Title

My New ESource Book created on  
12/20/1999 at 18:47:54

128

#### Contents

##### VOLUME 1

☒ Table of Contents

☒ Preface

☒ Index

130

Price

Pgs.\*

0.60

6

0.90

9

0.50

5

#### TOTAL

\$2.00

20.0

\*Approximate

Type the name of a chapter you would like to add  
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121

123

Add

129

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Change Book title to Internet Basics

125

127

Change

129

126

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Fig. 10A

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Remove

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Book Title  
Internet Basics } 128

#### Contents

##### VOLUME 1

- ☒ Table of Contents
- ☒ Preface
- ☒ Index

Price Pgs.\*

0.60 6

0.90 9

0.50 5

TOTAL

\$2.00 20.0

\*Approximate

Type the name of a chapter you would like to add  
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Fig. 10B

01/08/2000 3:10 PM



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Fig. 11



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Net Price: US\$ 2.00

Use this page both to view content and add content to your custom book. For additional help with using this page, click on the Quick Help button to the left.

### Introduction to the Internet

Scott D. James

	Contents	Price	Pgs.*
<input checked="" type="checkbox"/>	CHAPTER 1: Introduction to the Internet		
<input type="checkbox"/>	1.1 History	0.14	1.4
<input type="checkbox"/>	1.2 Internet Culture	0.06	0.6
<input type="checkbox"/>	1.3 General Netiquette	0.16	1.6
<input checked="" type="checkbox"/>	1.4 Advantages and Disadvantages of the Internet	0.26	2.6
<input type="checkbox"/>	1.5 Technical Issues	0.25	2.5
<input type="checkbox"/>	CHAPTER 2: E-Mail and Finding Addresses		
<input type="checkbox"/>	CHAPTER 3: Mailing Lists and UseNet News		
<input type="checkbox"/>	CHAPTER 4: Telnet, FTP, and Locating Files		
<input type="checkbox"/>	CHAPTER 5: Gopher and WAIS		
<input type="checkbox"/>	CHAPTER 6: The World Wide Web and HTML		
<input checked="" type="checkbox"/>	CHAPTER 7: Live Communications on the Internet		
<input type="checkbox"/>	7.1 The Talk Program	0.11	1.1
<input checked="" type="checkbox"/>	7.2 IRC: Internet Relay Chat	0.36	3.6
<input checked="" type="checkbox"/>	7.3 The Future of Live Communications	0.54	5.4
<input type="checkbox"/>	CHAPTER 8: Java		
<input type="checkbox"/>	CHAPTER 9: Computer Security and the Internet		
<input type="checkbox"/>	CHAPTER 10: Appendix		

\* Approximate.

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Fig. 12



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<input checked="" type="checkbox"/> Preface	0.90	9
<b>CHAPTER 1: Introduction to the Internet - 146</b>		
<input checked="" type="checkbox"/> Sections/Objectives/Science/Engineering Spotlight: Computer-Integrated Manufacturing } 154	0.16	1.6
1.1 History	0.14	1.4
1.2 Internet Culture	0.06	0.6
1.3 General Netiquette	0.16	1.6
1.4 Advantages and Disadvantages of the Internet	0.26	2.6
1.5 Technical Issues	0.25	2.5
<input checked="" type="checkbox"/> Summary/Key Terms - 154	0.02	0.2
<b>CHAPTER 2: Live Communications on the Internet - 148</b>		
<input checked="" type="checkbox"/> Sections/Objectives/Science/Engineering Spotlight: Barcode Technologies } 154	0.06	0.6
2.1 IRC: Internet Relay Chat	0.36	3.6
2.2 The Future of Live Communications	0.54	5.4
<input checked="" type="checkbox"/> Summary/Key Terms/Problems - 154	0.04	0.4
<input checked="" type="checkbox"/> Index	0.50	5

TOTAL

\$4.05 40.5

\*Approximate

Fig. 13



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### Your Custom Content

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Fig. 14



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<input checked="" type="checkbox"/> Table of Contents	0.60	6
<input checked="" type="checkbox"/> Preface	0.90	9
<input type="checkbox"/> CHAPTER 1: Introduction to the Internet		
<input checked="" type="checkbox"/> Sections/Objectives/Science/Engineering Spotlight: Computer-Integrated Manufacturing	0.16	1.6
<input type="checkbox"/> 1.1 History	0.14	1.4
<input type="checkbox"/> 1.2 Internet Culture	0.06	0.6
<input type="checkbox"/> 1.3 General Netiquette	0.16	1.6
<input type="checkbox"/> 1.4 Advantages and Disadvantages of the Internet	0.26	2.6
<input type="checkbox"/> 1.5 Technical Issues	0.25	2.5
<input checked="" type="checkbox"/> Summary/Key Terms	0.02	0.2
<input type="checkbox"/> CHAPTER 2: Live Communications on the Internet		
<input checked="" type="checkbox"/> Sections/Objectives/Science/Engineering Spotlight: Barcode Technologies	0.06	0.6
<input type="checkbox"/> 2.1 IRC: Internet Relay Chat	0.36	3.6
<input type="checkbox"/> 2.2 The Future of Live Communications	0.54	5.4
<input checked="" type="checkbox"/> Summary/Key Terms/Problems	0.04	0.4
<input type="checkbox"/> CHAPTER 3: New Chapter		
<input type="checkbox"/> Custom Content: The Internet Wave - 169	n/a	0.0
<input checked="" type="checkbox"/> Index	0.50	5
<b>TOTAL</b>	<b>\$9.04</b>	<b>40.5</b>

\*Approximate

Fig. 15A



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Using Good Manners of 121

123

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Fig. 15B

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Contents

VOLUME 1

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<input checked="" type="checkbox"/>	Preface	0.90	9
<input type="checkbox"/>	CHAPTER 1: Introduction to the Internet		
<input checked="" type="checkbox"/>	Sections/Objectives/Science/Engineering	0.16	1.6
<input type="checkbox"/>	Spotlight: Computer-Integrated Manufacturing		
<input type="checkbox"/>	1.1 History	0.14	1.4
<input type="checkbox"/>	1.2 Internet Culture	0.06	0.6
<input checked="" type="checkbox"/>	1.3 General Netiquette	0.16	1.6
<input type="checkbox"/>	1.4 Advantages and Disadvantages of the Internet	0.26	2.6
<input type="checkbox"/>	1.5 Technical Issues	0.25	2.5
<input checked="" type="checkbox"/>	Summary/Key Terms	0.02	0.2
<input type="checkbox"/>	CHAPTER 2: Live Communications on the Internet		
<input checked="" type="checkbox"/>	Sections/Objectives/Science/Engineering	0.06	0.6
<input type="checkbox"/>	Spotlight: Barcode Technologies		
<input type="checkbox"/>	2.1 IRC: Internet Relay Chat	0.36	3.6
<input type="checkbox"/>	2.2 The Future of Live Communications	0.54	5.4
<input checked="" type="checkbox"/>	Summary/Key Terms/Problems	0.04	0.4
<input type="checkbox"/>	CHAPTER 3: New Chapter		
<input type="checkbox"/>	Custom Content: The Internet Wave	n/a	0.0
<input type="checkbox"/>	CHAPTER 4: Using Good Manners on the Internet		
<input checked="" type="checkbox"/>	Index	0.50	5
TOTAL		\$9.04	40.5

Fig. 16



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<input checked="" type="checkbox"/> Table of Contents	0.60	6
<input checked="" type="checkbox"/> Preface	0.90	9
<input type="checkbox"/> CHAPTER 1: Introduction to the Internet		
<input checked="" type="checkbox"/> Sections/Objectives/Science/Engineering Spotlight: Computer-Integrated Manufacturing	0.16	1.6
<input type="checkbox"/> 1.1 History	0.14	1.4
<input type="checkbox"/> 1.2 Internet Culture	0.06	0.6
<input type="checkbox"/> 1.3 Advantages and Disadvantages of the Internet	0.26	2.6
<input type="checkbox"/> 1.4 Technical Issues	0.25	2.5
<input checked="" type="checkbox"/> Summary/Key Terms	0.02	0.2
<input type="checkbox"/> CHAPTER 2: Live Communications on the Internet		
<input checked="" type="checkbox"/> Sections/Objectives/Science/Engineering Spotlight: Barcode Technologies	0.06	0.6
<input type="checkbox"/> 2.1 IRC: Internet Relay Chat	0.36	3.6
<input type="checkbox"/> 2.2 The Future of Live Communications	0.54	5.4
<input checked="" type="checkbox"/> Summary/Key Terms/Problems	0.04	0.4
<input type="checkbox"/> CHAPTER 3: New Chapter		
<input type="checkbox"/> Custom Content: The Internet Wave	n/a	0.0
<input type="checkbox"/> CHAPTER 4: Using Good Manners on the Internet		
<input type="checkbox"/> 4.1 General Netiquette — 166	0.16	1.6
<input checked="" type="checkbox"/> Index	0.50	5
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Fig. 17

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Internet Basics	
<b>VOLUME 1</b>	
Table of Contents	1
Preface	6
<b>CHAPTER 1: Introduction to the Internet</b>	<b>15</b>
Sections/Objectives/Science/Engineering Spotlight: Computer-Integrated Manufacturing	15
<u>1.1 History -- 190</u>	16
<u>1.2 Internet Culture</u>	18
<u>1.3 Advantages and Disadvantages of the Internet</u>	18
<u>1.4 Technical Issues</u>	21
Summary/Key Terms	23
<b>CHAPTER 2: Live Communications on the Internet</b>	<b>23</b>
Sections/Objectives/Science/Engineering Spotlight: Barcode Technologies	23
<u>2.1 IRC: Internet Relay Chat</u>	24
<u>2.2 The Future of Live Communications</u>	28
Summary/Key Terms/Problems	33
<b>CHAPTER 3: New Chapter</b>	<b>33</b>
Custom Content: <u>The Internet Wave</u>	33
<b>CHAPTER 4: Using Good Manners on the Internet</b>	<b>33</b>
<u>4.1 General Netiquette</u>	33
Index	35

Fig. 18

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Contents

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<input checked="" type="checkbox"/> Table of Contents	0.60	6
<input checked="" type="checkbox"/> Preface	0.90	9
<b>CHAPTER 1: New Chapter</b>		
<input type="checkbox"/> 1.1 Understanding Ideas - 201	0.06	0.6
<input type="checkbox"/> 1.2 Introduction Engineering Stress - 202	0.10	1.0
<input checked="" type="checkbox"/> Index	0.50	5
<b>TOTAL</b>	<b>2.16</b>	<b>21.6</b>

\*Approximate

Type the name of a chapter you would like to add to this book and press the "Add" button.  
Add new chapter with this title

Select either book or chapter from the drop down list, type a new name in the text box and press the "Change" button to change the title.  
Change  title to

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Fig. 19



0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1

Fig. 20A

**Abstract**

Fig. 20E

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Contents	Price	Pgs.*
<b>VOLUME 1</b>		
<input checked="" type="checkbox"/> Table of Contents	0.60	6
<input checked="" type="checkbox"/> Preface	0.90	9
<input type="checkbox"/> CHAPTER 1: Professionalism and Codes of Ethics		
<input checked="" type="checkbox"/> Sections/Objectives	0.07	0.7
<input type="checkbox"/> 1.1 Introduction	0.02	0.2
<input type="checkbox"/> 1.2 Engineering a Professional Code	0.50	5.0
<input type="checkbox"/> 1.3 Codes of Ethics	0.87	8.7
<input type="checkbox"/> 1.4 Products — 227	0.03	0.3
<input checked="" type="checkbox"/> Key Terms/Problems	0.20	2.0
<input checked="" type="checkbox"/> Index	0.50	5
<b>VOLUME 2</b>		
<input checked="" type="checkbox"/> Table of Contents	0.60	6
<input checked="" type="checkbox"/> Preface	0.90	9
<input type="checkbox"/> CHAPTER 2: Understanding Ethical Problems		
<input checked="" type="checkbox"/> Sections/Objectives	0.05	0.5
<input type="checkbox"/> 2.1 A Framework for Ethical Thought	0.07	0.7
<input type="checkbox"/> 2.2 Ethical Theories	0.90	9.0
<input checked="" type="checkbox"/> Key Terms/Problems	0.14	1.4
<input checked="" type="checkbox"/> Index	0.50	5
<b>TOTAL</b>	<b>\$16.05</b>	<b>48.5</b>

\*Approximate

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Fig. 20C

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Search All Titles for Indexed Words *231*  
study OR skills

AND

Search for Words Found in Chapter Titles *232*  
Engineering

AND

Search for Words Found in Section Titles *233*  
engineering OR study OR skills *234*

Examples

Index Terms

Single Word Search: Internet

Multiple Word Search: Internet Application

Note: Multiple word searching will return all instances of Internet or Application

Chapter or Section Titles

Single Word Search: Internet

Phrase Search (optionally): Internet Application "Internet Application"

Multiple Word Search using AND: Internet AND Application

Document Done

Fig. 21A

007270" 69699460

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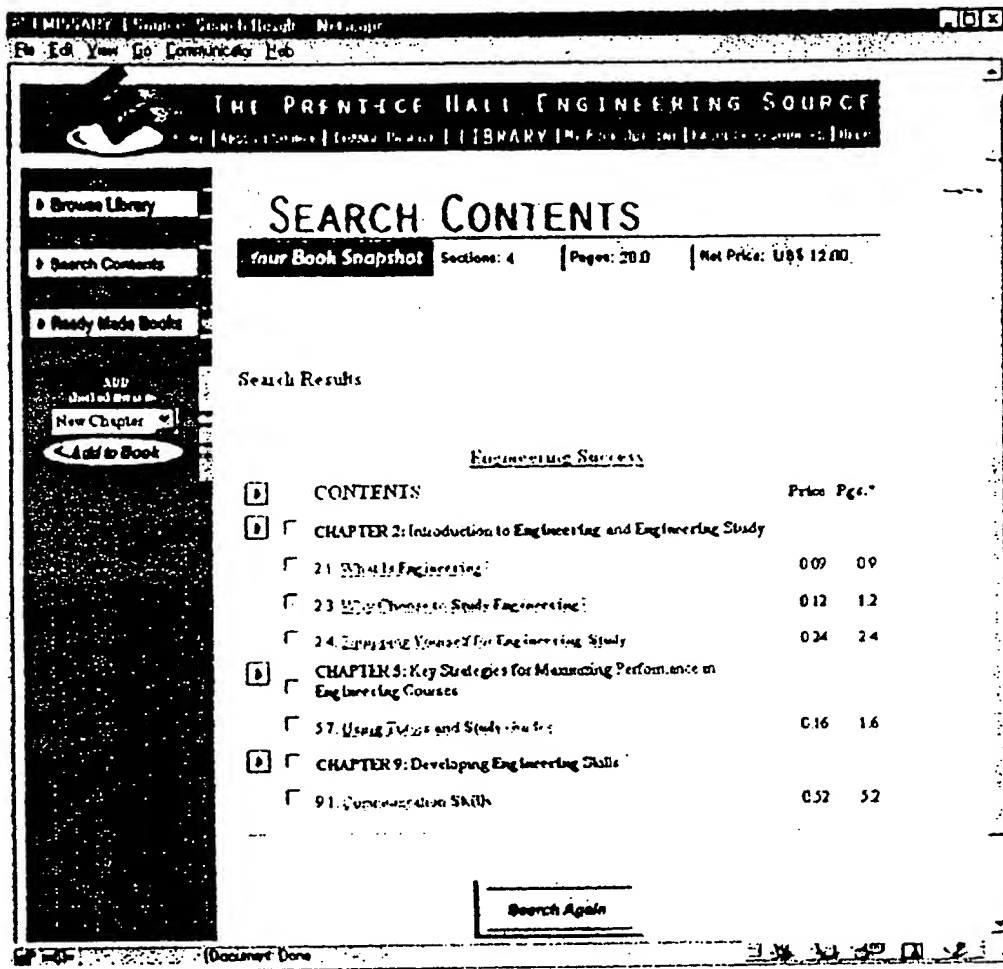


Fig. 21B

## System Administrator Main Menu

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Make Products Available

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Edit/Review/Approve CBO's

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Fig. 22A

## Approve User

	<b>Name</b>	<b>University</b>	<b>Department</b>	<b>Reg. Date</b>
<input type="checkbox"/>	Taylor, James	Duke	Electrical Engineering	10/01/99
<input type="checkbox"/>	Streisand, Barb	Harvard	Applied Physics	11/05/99
<input type="checkbox"/>	Clinton, Bill	Oxford	Physical Sciences	09/10/99
<input type="checkbox"/>	Reno, Janet	MIT	Electrical Engineering	01/06/00
<input type="checkbox"/>	Taylor, Tim	Stanford	Metalurgy	08/21/99

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COMMIT

Fig. 22B

## Make Products Available

**Title**

260

- ☐ Engineering Ethics
- ☐ Introduction to Digital Design
- ☐ Design Theory
- ☐ Statistical Analysis

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COMMIT

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Fig. 22C



## Submitted Custom Books

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CBO Title	Owner
<u>Fundamental Engineering Concepts</u>	<u>James Taylor</u>
<u>Technical Internships: Gaining Hands-On Experience</u>	<u>Bill Clinton</u>
<u>Ethical Dilemmas in the Engineering Field</u>	<u>Al Gore</u>
<u>Basic Study Skills</u>	<u>Al Bundy</u>
<u>Approach to Statistical Methods</u>	<u>Janet Reno</u>

Fig. 22D

281 282 283

Approve Reject Return

**VOLUME 1: New Custom Book Volume Number 1**

9 Table of Contents

9 Preface

**CHAPTER 1: New Chapter**

**Custom Content: New IPM Section** 284

**IPM Element 1:**

New IPM Section 285

IPM Content

☒ Text ☐ Code

286

288

☐ Editor's Comments:

(none)

287

**CHAPTER 2: Professionalism and Codes of Ethics**

9 Professionalism and Codes of Ethics/Sections/Objectives

2.1 Introduction 288

2.2 Is Engineering a Profession?

2.3 Codes of Ethics

9 Key Terms/Problems

**CHAPTER 3: Introduction**

9 Introduction/Sections/Objectives

3.1 Background Ideas

3.2 Why Study Engineering Ethics?

3.3 Personal vs. Business Ethics

3.4 The Origins of Ethical Thought

Fig. 22E

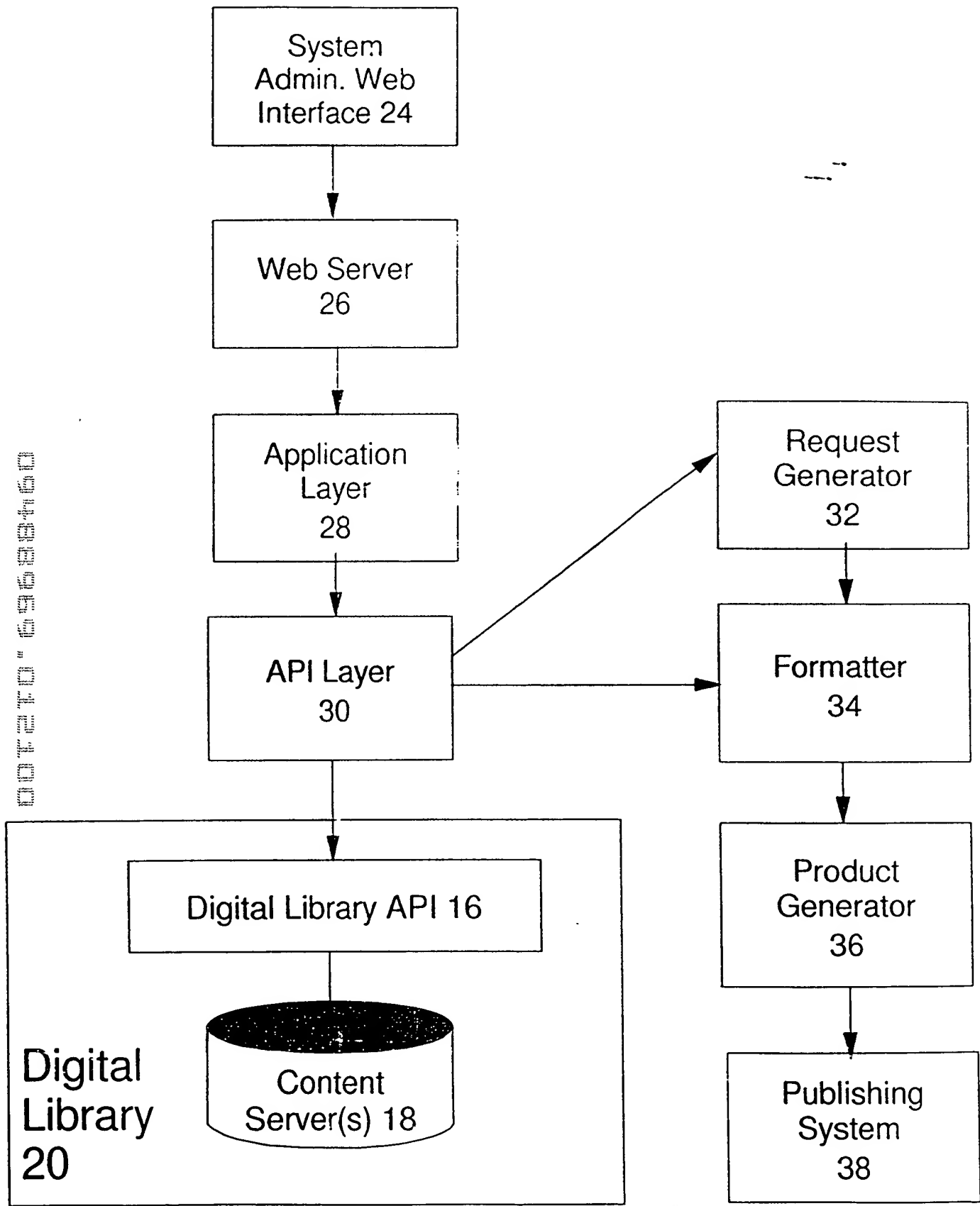


Fig. 23

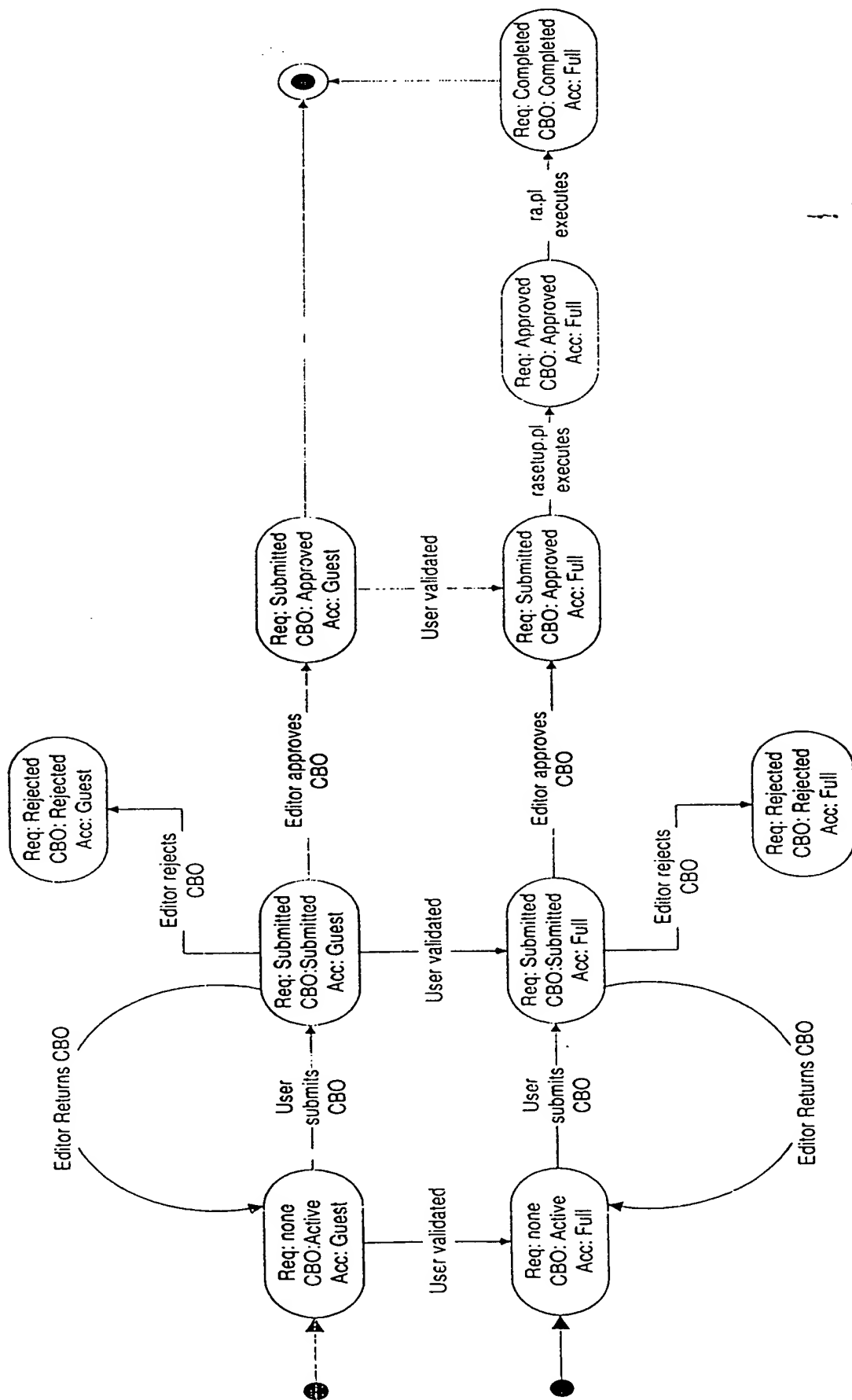


Fig 24